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EC 742 PI
4292

Hogs and Pigs



USDA
Washington, D.C.

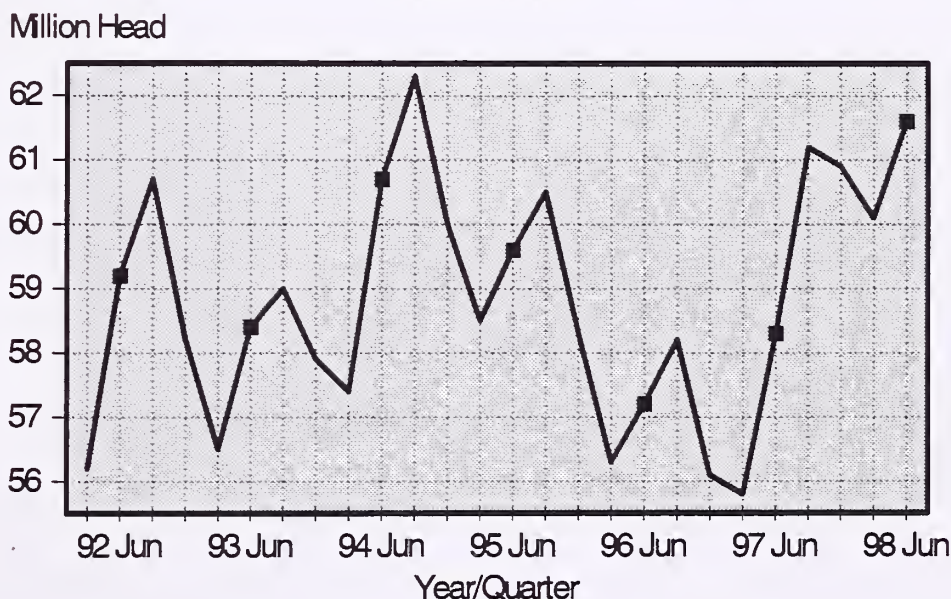
Released June 26, 1998, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Greg Matli at 202-720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

U.S. Hog Inventory Up 6 Percent

U.S. inventory of all hogs and pigs on June 1, 1998, was 61.6 million head. This was 6 percent above June 1997, and 3 percent above March 1, 1998.

Breeding inventory, at 7.02 million head, was up 1 percent from June 1, 1997 and up slightly from March 1, 1998. **Market hog inventory**, at 54.6 million head, was 6 percent above last year, and 3 percent above last quarter.

Quarterly Hogs and Pigs Inventory
United States



The March-May 1998 U.S. pig crop, at 26.7 million head, was 5 percent more than 1997 and 7 percent more than 1996. Sows farrowing during this period totaled 3.06 million head, 4 percent above last year. The sows farrowed during this quarter represented 44 percent of the breeding herd. The average pigs per litter continues to increase, with an average of 8.74 pigs saved per litter for the March-May period. Last year the litter rate averaged 8.65 pigs. Pigs saved per litter by size of operation ranged from 7.30 for operations with 1-99 hogs to 8.90 for operations with more than 5,000 hogs and pigs.

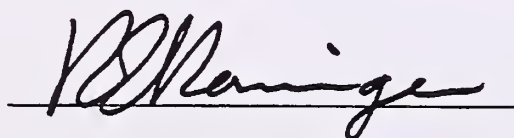
U.S. hog producers intend to have 3.03 million sows farrow during the June-August 1998 quarter, 3 percent above the actual farrowings during the same period in 1997 and 10 percent above 1996. Intended farrowings for September-November 1998, at 3.04 million sows, are 4 percent above the same period last year and 12 percent above 1996.

The total number of hogs under contract, owned by operations with over 5,000 head, but raised by contractees, accounted for 27 percent of the total U.S. hog inventory.

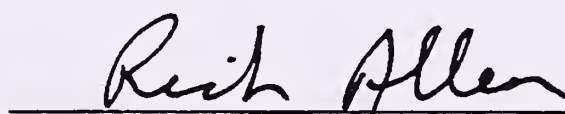
Revisions

All inventory and pig crop estimates for 1997 and March 1998 were reviewed using final pig crop, official slaughter, import, and export data in U.S. level balance sheets. Based on the findings of this review, small adjustments to the previous quarters estimates were made.

This report was approved on June 26, 1998.



Acting Secretary of
Agriculture
Richard E. Rominger

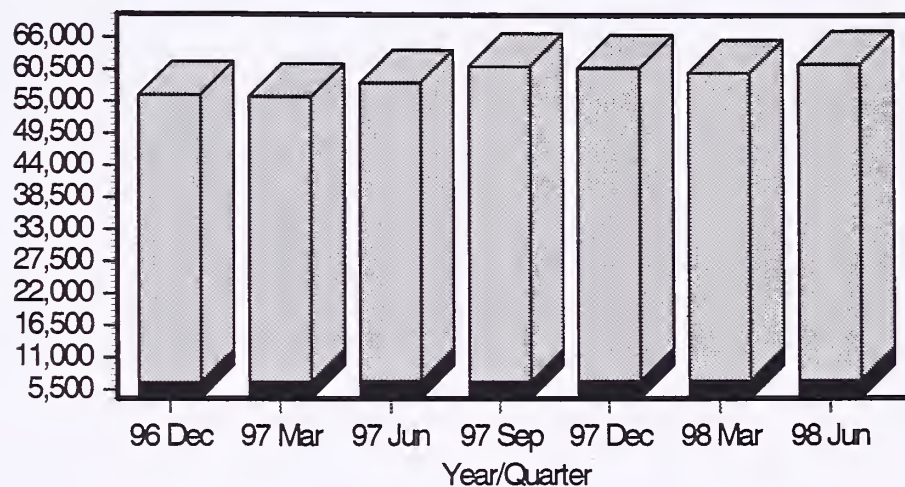


Agricultural Statistics Board
Chairperson
Rich Allen

U.S. Hog Inventory

■ Breeding □ Market

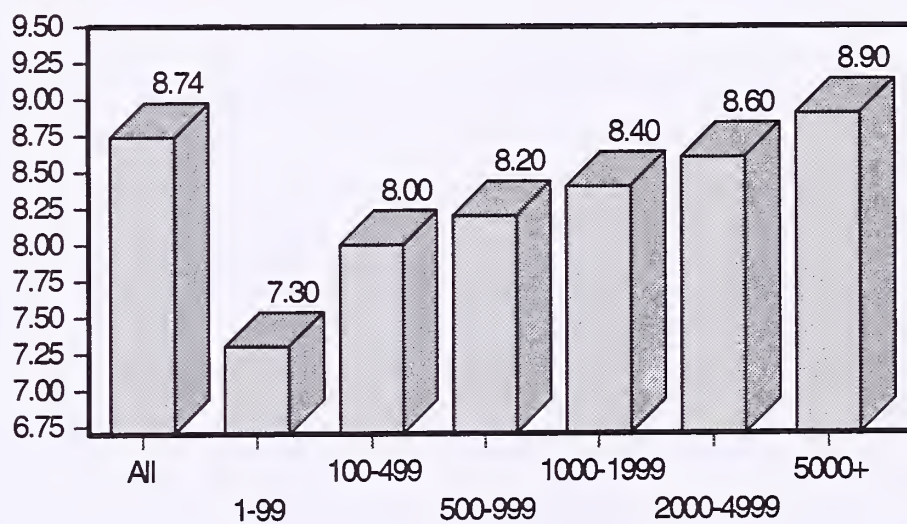
(000) Head



U.S. Pigs per Litter

By Size of Operation, March - May 1998

Number Head



**Hogs and Pigs: Inventory Number by Class, Weight Group,
and Quarter, United States, 1996-98 ¹**

Item	1996	1997	1998	1998 as % of	
				1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	56,340	55,838	60,070	107	108
Kept for Breeding	6,765	6,842	6,986	103	102
Market	49,575	48,996	53,084	107	108
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	18,790	18,575	20,129	107	108
60-119 Pounds	11,980	11,713	12,750	106	109
120-179 Pounds	10,095	10,032	10,782	107	107
180 Pounds and Over	8,710	8,676	9,423	108	109
June 1 Inventory					
All Hogs and Pigs	57,150	58,263	61,600	108	106
Kept for Breeding	6,860	6,960	7,018	102	101
Market	50,290	51,303	54,582	109	106
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,245	20,337	21,270	105	105
60-119 Pounds	12,690	12,777	13,547	107	106
120-179 Pounds	9,795	10,127	10,990	112	109
180 Pounds and Over	7,560	8,061	8,775	116	109
September 1 Inventory					
All Hogs and Pigs	58,150	61,163			
Kept for Breeding	6,765	6,944			
Market	51,385	54,219			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	19,320	20,876			
60-119 Pounds	12,780	13,531			
120-179 Pounds	10,590	10,835			
180 Pounds and Over	8,695	8,976			
December 1 Inventory					
All Hogs and Pigs	56,141	60,915			
Kept for Breeding	6,667	6,986			
Market	49,474	53,929			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	18,439	20,104			
60-119 Pounds	12,221	13,264			
120-179 Pounds	10,291	11,178			
180 Pounds and Over	8,522	9,383			

¹ Weight groups may not add to Market due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,
United States, 1996-98**

Item	1996	1997	1998	1998 as % of	
				1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing					
Dec-Feb ¹	2,757	2,702	2,898	105	107
Mar-May	2,955	2,944	3,055	103	104
Dec-May ¹	5,712	5,646	5,953	104	105
Jun-Aug ²	2,758	2,959	3,034	110	103
Sep-Nov ²	2,717	2,929	3,036	112	104
Jun-Nov ²	5,475	5,888	6,070	111	103
Pig Crop					
Dec-Feb ¹	23,161	23,264	25,164	109	108
Mar-May	25,040	25,471	26,714	107	105
Dec-May ¹	48,201	48,735	51,878	108	106
Jun-Aug	23,597	25,796			
Sep-Nov	23,159	25,315			
Jun-Nov	46,756	51,111			
	<i>Number</i>	<i>Number</i>	<i>Number</i>		
Pigs per Litter					
Dec-Feb ¹	8.40	8.61	8.68	103	101
Mar-May	8.47	8.65	8.74	103	101
Dec-May ¹	8.44	8.63	8.71	103	101
Jun-Aug	8.56	8.72			
Sep-Nov	8.52	8.64			
Jun-Nov	8.54	8.68			

¹ December preceding year.

² Intentions for 1998.

Pigs per Litter: By Size of Operation, United States, 1997-98

Pig Crop	Pigs per Litter on Operations Having					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1997						
Dec-Feb ¹	7.20	7.70	8.10	8.40	8.60	8.90
Mar-May	7.60	7.90	8.20	8.40	8.60	9.00
Jun-Aug	7.50	7.90	8.20	8.50	8.70	9.00
Sep-Nov	7.40	8.10	8.30	8.60	8.70	9.00
1998						
Dec-Feb ¹	7.10	7.90	8.30	8.50	8.80	8.90
Mar-May	7.30	8.00	8.20	8.40	8.60	8.90

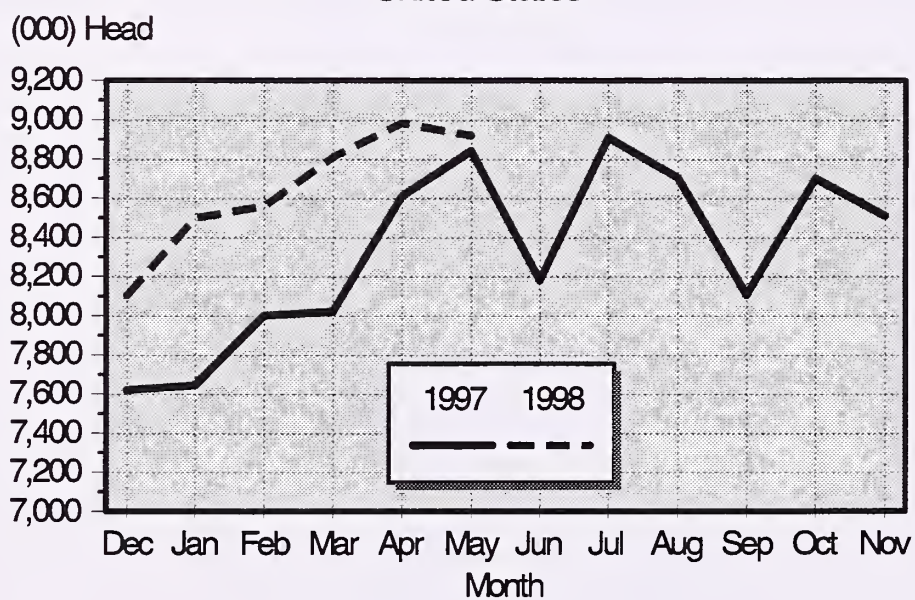
¹ December preceding year.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,
United States December-November 1997-98 ¹**

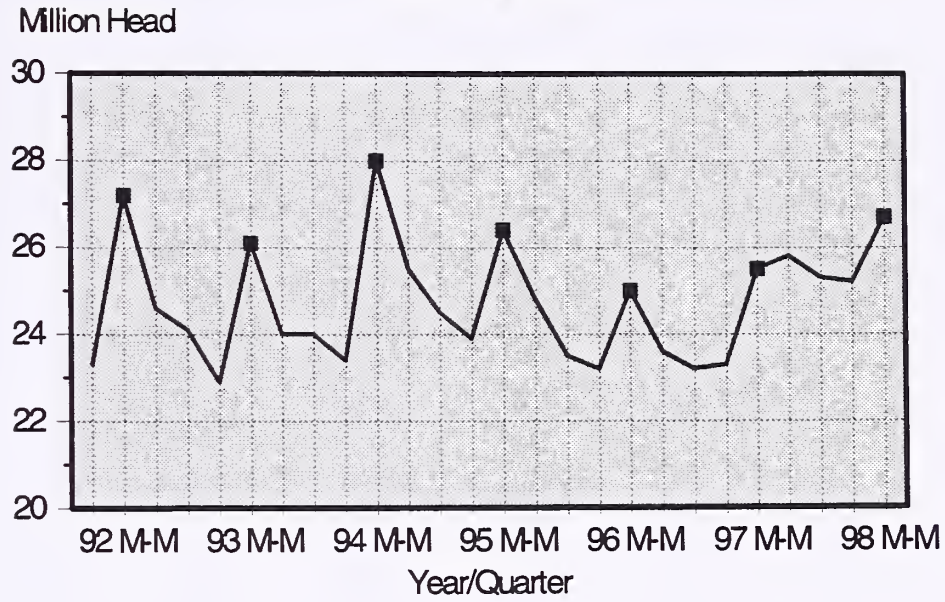
Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec ¹	895	935	8.51	8.67	7,620	8,104
Jan	885	973	8.64	8.74	7,644	8,500
Feb	922	990	8.68	8.65	8,000	8,560
Mar	950	1,010	8.44	8.72	8,020	8,810
Apr	999	1,025	8.62	8.76	8,610	8,984
May	995	1,020	8.89	8.75	8,841	8,920
Jun	990		8.26		8,180	
Jul	981		9.08		8,910	
Aug	988		8.81		8,706	
Sep	965		8.40		8,105	
Oct	989		8.80		8,700	
Nov	975		8.73		8,510	
Total	11,534		8.66		99,846	

¹ December preceding year.

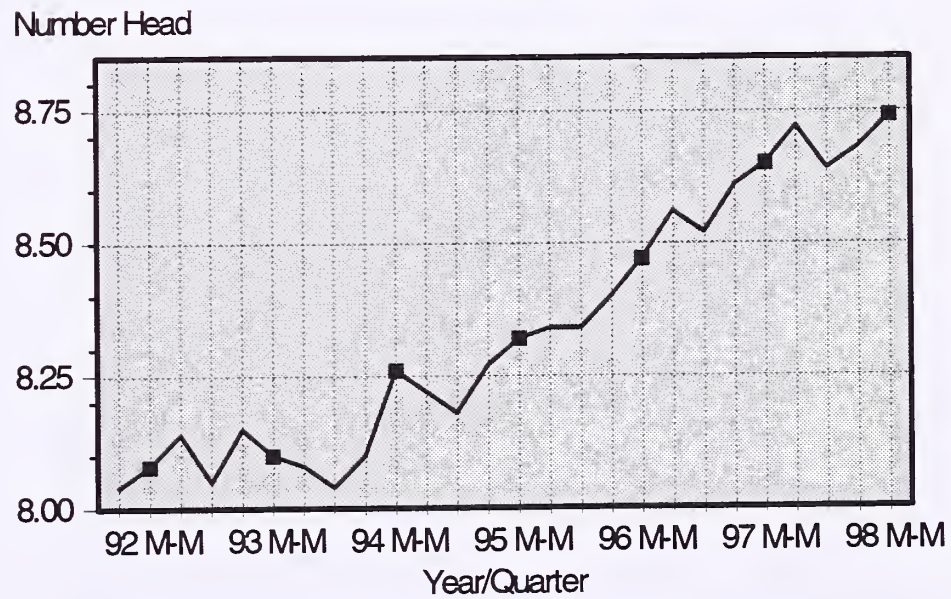
**Monthly Pig Crop
United States**



Pig Crop United States



Litter Rate United States

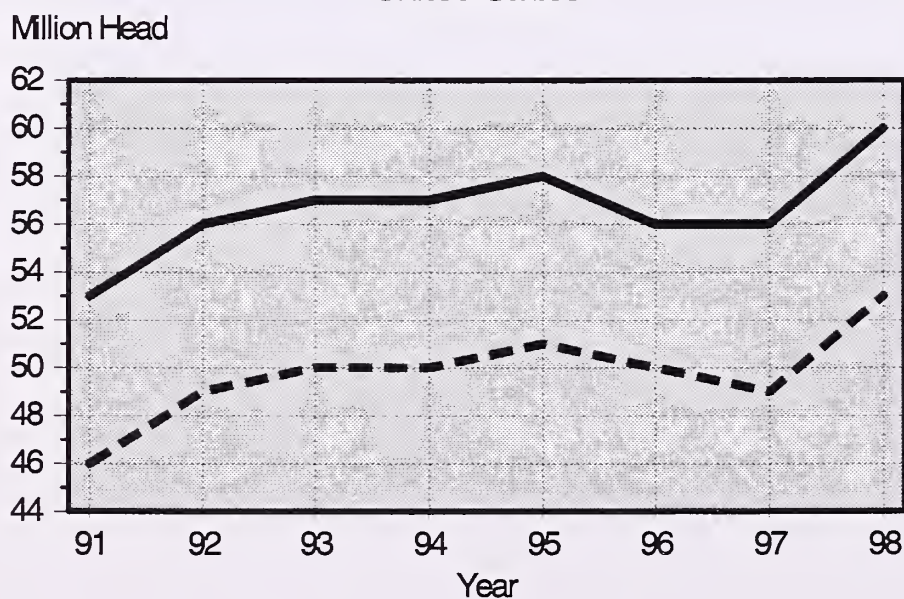


**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, March 1, 1997-98**

State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	750	700	93	860	810	94
GA	110	100	91	720	620	86	830	720	87
IL	550	550	100	3,850	4,200	109	4,400	4,750	108
IN	450	470	104	3,150	3,530	112	3,600	4,000	111
IA	1,300	1,300	100	10,800	12,800	119	12,100	14,100	117
KS	180	190	106	1,180	1,230	104	1,360	1,420	104
KY	80	70	88	520	490	94	600	560	93
MI	130	130	100	820	870	106	950	1,000	105
MN	600	620	103	4,400	4,880	111	5,000	5,500	110
MO	450	440	98	2,800	2,960	106	3,250	3,400	105
NE	450	430	96	3,100	3,070	99	3,550	3,500	99
NC	1,050	1,100	105	8,450	8,500	101	9,500	9,600	101
OH	200	200	100	1,250	1,380	110	1,450	1,580	109
OK	180	250	139	1,190	1,520	128	1,370	1,770	129
PA	120	120	100	850	880	104	970	1,000	103
SD	160	150	94	970	1,100	113	1,130	1,250	111
WI	115	105	91	675	625	93	790	730	92
Oth Sts ¹	607	651	107	3,521	3,729	106	4,128	4,380	106
US	6,842	6,986	102	48,996	53,084	108	55,838	60,070	108

¹ Individual State estimates not available for the 33 other States.

**March 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, March 1, 1997-98 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	260	220	175	175	170	155	145	150
GA	285	235	185	160	155	130	95	95
IL	1,400	1,520	900	990	870	960	680	730
IN	1,170	1,320	790	900	640	700	550	610
IA	3,700	4,150	2,820	3,400	2,280	2,800	2,000	2,450
KS	490	510	235	235	210	220	245	265
KY	205	200	130	115	105	100	80	75
MI	270	290	205	220	190	195	155	165
MN	1,640	1,900	1,080	1,190	910	970	770	820
MO	1,240	1,350	620	640	540	560	400	410
NE	1,250	1,240	760	760	590	580	500	490
NC	3,400	3,450	1,920	1,900	1,680	1,650	1,450	1,500
OH	560	630	260	310	290	290	140	150
OK	410	610	200	270	190	210	390	430
PA	330	330	220	230	170	180	130	140
SD	375	390	220	280	200	240	175	190
WI	265	250	165	145	125	120	120	110
Oth Sts ²	1,325	1,534	828	830	717	722	651	643
US	18,575	20,129	11,713	12,750	10,032	10,782	8,676	9,423

¹ Weight groups may not add to Market due to rounding.

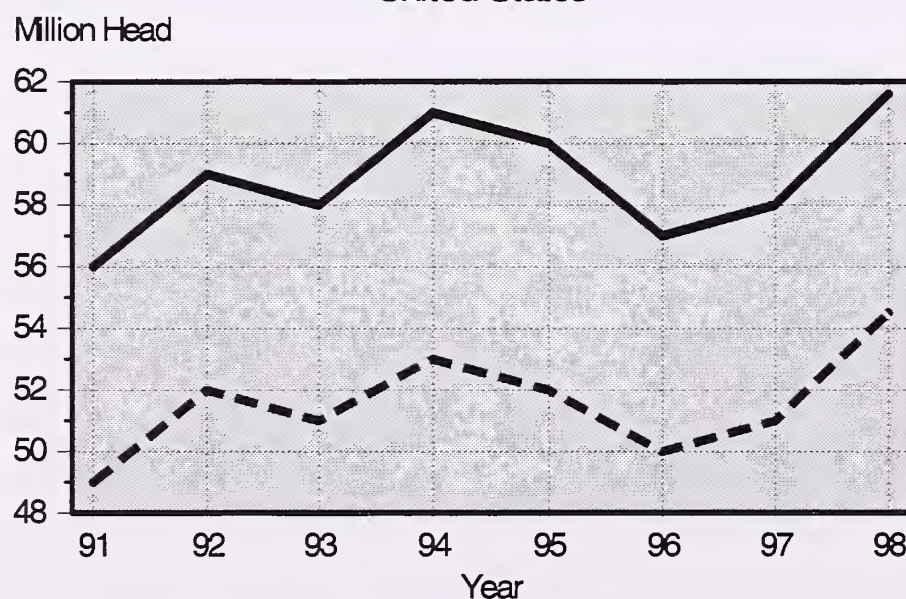
² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, June 1, 1997-98**

State	Breeding			Market			Total		
	1997	1998		1997	1998		1997	1998	
		Number	as % of 1997		Number	as % of 1997		Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	115	110	96	795	680	86	910	790	87
GA	110	100	91	720	630	88	830	730	88
IL	560	580	104	3,940	4,370	111	4,500	4,950	110
IN	440	470	107	3,210	3,630	113	3,650	4,100	112
IA	1,340	1,300	97	11,360	13,300	117	12,700	14,600	115
KS	180	185	103	1,200	1,215	101	1,380	1,400	101
KY	75	65	87	525	455	87	600	520	87
MI	150	130	87	950	1,000	105	1,100	1,130	103
MN	610	630	103	4,590	4,970	108	5,200	5,600	108
MO	455	410	90	3,095	2,890	93	3,550	3,300	93
NE	450	440	98	3,250	3,110	96	3,700	3,550	96
NC	1,050	1,100	105	8,750	8,700	99	9,800	9,800	100
OH	210	210	100	1,390	1,470	106	1,600	1,680	105
OK	210	260	124	1,290	1,610	125	1,500	1,870	125
PA	115	115	100	875	885	101	990	1,000	101
SD	165	140	85	1,025	1,160	113	1,190	1,300	109
WI	115	100	87	695	620	89	810	720	89
Oth Sts ¹	610	673	110	3,643	3,887	107	4,253	4,560	107
US	6,960	7,018	101	51,303	54,582	106	58,263	61,600	106

¹ Individual State estimates not available for the the 33 other States.

**June 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, June 1, 1997-98 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	250	250	190	165	205	145	150	120
GA	280	240	190	175	155	130	95	85
IL	1,580	1,750	980	1,070	790	880	590	670
IN	1,220	1,330	780	980	640	730	570	590
IA	4,350	4,550	3,130	3,600	2,200	2,900	1,680	2,250
KS	495	495	290	270	235	230	180	220
KY	210	185	130	110	105	90	80	70
MI	430	450	200	220	190	190	130	140
MN	1,780	1,950	1,160	1,280	950	1,030	700	710
MO	1,450	1,450	680	590	565	510	400	340
NE	1,350	1,270	830	820	590	580	480	440
NC	3,400	3,450	2,170	2,100	1,830	1,750	1,350	1,400
OH	640	660	340	350	260	290	150	170
OK	470	610	210	300	200	220	410	480
PA	320	330	220	240	180	175	155	140
SD	430	440	255	285	180	240	160	195
WI	290	245	170	160	125	120	110	95
Oth Sts ²	1,392	1,615	852	832	727	780	671	660
US	20,337	21,270	12,777	13,547	10,127	10,990	8,061	8,775

¹ Weight groups may not add to Market due to rounding.

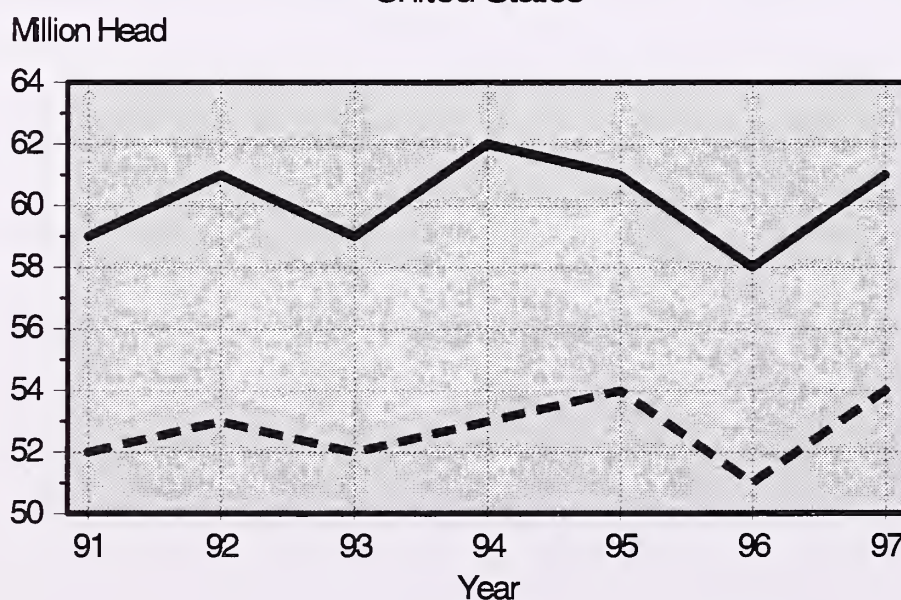
² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, September 1, 1996-97**

State	Breeding			Market			Total		
	1996	1997		1996	1997		1996	1997	
		Number	as % of 1996		Number	as % of 1996		Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	115	105	725	805	111	835	920	110
GA	115	105	91	755	715	95	870	820	94
IL	560	530	95	4,140	4,120	100	4,700	4,650	99
IN	450	450	100	3,350	3,450	103	3,800	3,900	103
IA	1,250	1,350	108	11,750	12,950	110	13,000	14,300	110
KS	185	190	103	1,365	1,240	91	1,550	1,430	92
KY	85	75	88	550	525	95	635	600	94
MI	125	140	112	1,005	1,010	100	1,130	1,150	102
MN	560	620	111	4,340	4,880	112	4,900	5,500	112
MO	515	435	84	2,985	3,115	104	3,500	3,550	101
NE	450	450	100	3,250	3,200	98	3,700	3,650	99
NC	980	1,050	107	8,320	9,050	109	9,300	10,100	109
OH	220	200	91	1,330	1,350	102	1,550	1,550	100
OK	160	215	134	1,070	1,385	129	1,230	1,600	130
PA	105	120	114	895	900	101	1,000	1,020	102
SD	130	160	123	1,010	1,060	105	1,140	1,220	107
WI	115	120	104	695	710	102	810	830	102
Oth Sts ¹	650	619	95	3,850	3,754	98	4,500	4,373	97
US	6,765	6,944	103	51,385	54,219	106	58,150	61,163	105

¹ Individual State estimates not available for the 33 other States.

**September 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, September 1, 1996-97 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	270	270	175	195	145	195	135	145
GA	300	280	185	180	150	155	120	100
IL	1,450	1,490	1,020	980	890	860	780	790
IN	1,190	1,230	870	870	730	740	560	610
IA	3,750	4,400	3,350	3,750	2,550	2,650	2,100	2,150
KS	575	540	285	240	275	230	230	230
KY	225	215	145	130	100	100	80	80
MI	325	350	290	275	210	205	180	180
MN	1,700	1,990	1,060	1,230	840	920	740	740
MO	1,320	1,440	640	670	590	520	435	485
NE	1,350	1,340	790	780	660	650	450	430
NC	3,280	3,600	1,910	2,140	1,730	1,870	1,400	1,440
OH	560	610	320	330	250	250	200	160
OK	440	500	190	250	185	230	255	405
PA	325	370	220	220	190	165	160	145
SD	375	430	260	260	210	200	165	170
WI	275	290	170	175	135	135	115	110
Oth Sts ²	1,610	1,531	900	856	750	760	590	606
US	19,320	20,876	12,780	13,531	10,590	10,835	8,695	8,976

¹ Weight groups may not add to Market due to rounding.

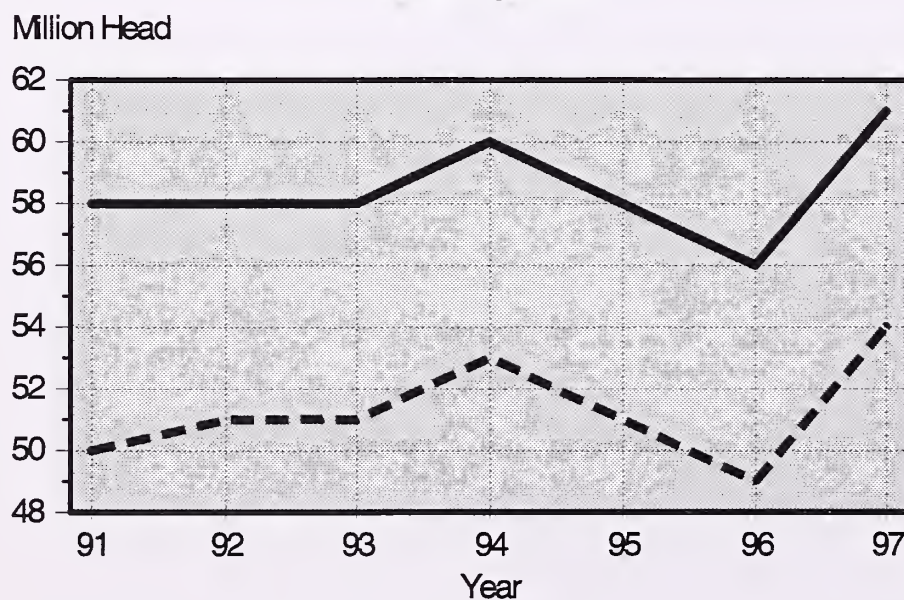
² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, December 1, 1996-97**

State	Breeding			Market			Total		
	1996	1997		1996	1997		1996	1997	
		Number	as % of 1996		Number	as % of 1996		Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	715	740	103	825	850	103
GA	110	105	95	690	645	93	800	750	94
IL	520	560	108	3,880	4,240	109	4,400	4,800	109
IN	460	460	100	3,290	3,440	105	3,750	3,900	104
IA	1,250	1,350	108	10,950	13,150	120	12,200	14,500	119
KS	190	190	100	1,260	1,240	98	1,450	1,430	99
KY	85	70	82	540	520	96	625	590	94
MI	125	130	104	875	900	103	1,000	1,030	103
MN	540	620	115	4,310	4,880	113	4,850	5,500	113
MO	450	440	98	3,000	3,110	104	3,450	3,550	103
NE	450	440	98	3,150	3,110	99	3,600	3,550	99
NC	1,000	1,050	105	8,300	8,750	105	9,300	9,800	105
OH	210	200	95	1,290	1,420	110	1,500	1,620	108
OK	170	230	135	1,150	1,410	123	1,320	1,640	124
PA	105	120	114	845	880	104	950	1,000	105
SD	155	160	103	1,045	1,140	109	1,200	1,300	108
WI	120	105	88	680	625	92	800	730	91
Oth Sts ¹	617	646	105	3,504	3,729	106	4,121	4,375	106
US	6,667	6,986	105	49,474	53,929	109	56,141	60,915	109

¹ Individual State estimates not available for the 33 other States.

**December 1 Hog Inventory & Market Hogs
United States**



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, December 1, 1996-97 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	255	290	170	165	150	155	140	130
GA	250	245	195	175	145	135	100	90
IL	1,380	1,630	960	980	840	880	700	750
IN	1,150	1,150	840	890	725	780	575	620
IA	3,850	4,300	2,900	3,600	2,300	2,800	1,900	2,450
KS	510	530	280	250	250	250	220	210
KY	215	215	135	125	105	105	85	75
MI	285	320	200	200	210	205	180	175
MN	1,590	1,910	1,070	1,210	890	970	760	790
MO	1,280	1,360	670	650	550	610	500	490
NE	1,200	1,200	830	830	650	640	470	440
NC	3,250	3,400	1,950	2,070	1,750	1,870	1,350	1,410
OH	570	640	300	320	280	300	140	160
OK	420	480	220	260	210	200	300	470
PA	290	340	220	230	175	170	160	140
SD	375	410	280	310	210	240	180	180
WI	270	260	175	150	130	110	105	105
Oth Sts ²	1,299	1,424	826	849	721	758	657	698
US	18,439	20,104	12,221	13,264	10,291	11,178	8,522	9,383

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, December-February 1997-98 ¹**

State	Sows Farrowing			Pigs per Litter		Pig Crop ²		
	1997	1998		1997	1998	1997	1998	
		Number	as % of 1997				Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	52	56	108	8.50	8.50	442	476	108
GA	40	36	90	8.05	8.35	322	301	93
IL	200	215	108	8.50	8.60	1,700	1,849	109
IN	180	190	106	8.50	8.50	1,530	1,615	106
IA	460	510	111	8.50	8.70	3,910	4,437	113
KS	80	88	110	9.10	9.00	728	792	109
KY	31	31	100	8.30	8.40	257	260	101
MI	40	40	100	8.40	8.80	336	352	105
MN	230	255	111	8.70	8.90	2,001	2,270	113
MO	180	190	106	8.60	8.80	1,548	1,672	108
NE	175	165	94	8.45	8.50	1,479	1,403	95
NC	500	515	103	8.90	8.90	4,450	4,584	103
OH	75	87	116	8.30	8.40	623	731	117
OK	78	117	150	9.50	8.90	741	1,041	140
PA	44	44	100	8.50	8.45	374	372	99
SD	60	58	97	8.50	8.60	510	499	98
WI	44	42	95	8.40	8.20	370	344	93
Oth Sts ³	233	259	111	8.34	8.36	1,943	2,166	111
US	2,702	2,898	107	8.61	8.68	23,264	25,164	108

¹ December preceding year.

² Number of pigs born December-February on hand March 1, or had been sold.

³ Individual State estimates not available for the 33 States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, March-May 1997-98**

State	Sows Farrowing			Pigs per Litter		Pig Crop ¹		
	1997	1998		1997	1998	1997	1998	
		Number	as % of 1997				Number	as % of 1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	60	56	93	8.30	8.40	498	470	94
GA	40	38	95	8.35	8.40	334	319	96
IL	240	245	102	8.40	8.60	2,016	2,107	105
IN	180	190	106	8.40	8.70	1,512	1,653	109
IA	520	530	102	8.60	8.70	4,472	4,611	103
KS	90	90	100	9.20	8.90	828	801	97
KY	31	29	94	8.50	8.40	264	244	92
MI	60	53	88	8.40	8.90	504	472	94
MN	250	265	106	8.85	8.90	2,213	2,359	107
MO	200	195	98	8.80	8.90	1,760	1,736	99
NE	185	175	95	8.50	8.40	1,573	1,470	93
NC	515	540	105	8.90	8.90	4,584	4,806	105
OH	85	90	106	8.40	8.70	714	783	110
OK	87	129	148	9.50	9.10	827	1,174	142
PA	45	46	102	8.60	8.70	387	400	103
SD	70	65	93	8.40	8.70	588	566	96
WI	46	43	93	8.50	8.50	391	366	94
Oth Sts ²	240	276	115	8.36	8.61	2,006	2,377	118
US	2,944	3,055	104	8.65	8.74	25,471	26,714	105

¹ Number of pigs born March-May that were still on hand June 1, or had been sold.

² Individual State estimates not available for the 33 other States.

Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, June-August 1996-98

State	Sows Farrowing				Pigs per Litter		Pig Crop ¹		
	1996	1997	1998 ²		1996	1997	1996	1997	
			Number	as % of 1997				Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	54	58	54	93	8.50	8.60	459	499	109
GA	43	39	39	100	8.40	8.40	361	328	91
IL	220	225	230	102	8.50	8.40	1,870	1,890	101
IN	185	190	195	103	8.30	8.40	1,536	1,596	104
IA	500	550	530	96	8.50	8.80	4,250	4,840	114
KS	81	90	90	100	8.80	9.20	713	828	116
KY	33	31	29	94	8.25	8.30	272	257	94
MI	52	54	56	104	8.30	8.70	432	470	109
MN	235	260	260	100	8.70	8.85	2,044	2,301	113
MO	180	190	185	97	8.60	8.90	1,548	1,691	109
NE	165	165	165	100	8.55	8.55	1,411	1,411	100
NC	470	515	550	107	8.75	8.90	4,113	4,584	111
OH	85	90	90	100	8.20	8.30	697	747	107
OK	79	98	140	143	9.30	9.40	735	921	125
PA	42	50	45	90	8.50	8.70	357	435	122
SD	56	68	60	88	8.50	8.50	476	578	121
WI	45	47	42	89	8.40	8.50	378	400	106
Oth Sts ³	233	239	274	115	8.35	8.45	1,945	2,020	104
US	2,758	2,959	3,034	103	8.56	8.72	23,597	25,796	109

¹ Number of pigs born June-August on hand September 1, or had been sold.

² Intentions.

³ Individual State estimates not available for the 33 States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, September-November 1996-98**

State	Sows Farrowing				Pigs per Litter		Pig Crop ¹		
	1996	1997	1998 ²		1996	1997	1996	1997	
			Number	as % of 1997				Number	as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	52	55	53	96	8.40	8.40	437	462	106
GA	35	35	38	109	8.30	8.35	291	292	100
IL	220	240	250	104	8.35	8.40	1,837	2,016	110
IN	180	190	190	100	8.35	8.50	1,503	1,615	107
IA	480	510	510	100	8.45	8.50	4,056	4,335	107
KS	85	90	93	103	9.00	9.30	765	837	109
KY	32	31	29	94	8.30	8.35	266	259	97
MI	45	48	57	119	8.30	8.70	374	418	112
MN	225	260	260	100	8.80	8.90	1,980	2,314	117
MO	185	195	185	95	8.40	8.70	1,554	1,696	109
NE	170	170	170	100	8.40	8.50	1,428	1,445	101
NC	475	510	550	108	8.75	8.85	4,156	4,514	109
OH	80	90	95	106	8.30	8.60	664	774	117
OK	78	99	130	131	9.50	9.30	741	921	124
PA	41	46	46	100	8.40	8.70	344	400	116
SD	65	70	65	93	8.25	8.60	536	602	112
WI	44	44	41	93	8.10	8.30	356	365	103
Oth Sts ³	225	246	274	111	8.32	8.33	1,871	2,050	110
US	2,717	2,929	3,036	104	8.52	8.64	23,159	25,315	109

¹ Number of pigs born September-November that were still on hand December 1, or had been sold.

² Intentions.

³ Individual State estimates not available for the 33 other States.

Reliability of June 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of 13,835 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 11,642 operations, 84.1 percent of the total sample, during the first-half of June by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of June 1.

Estimation Procedures: These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In June, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The affects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "**Root Mean Square Error**" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.7 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 61.6 million head by more than 1.7 percent, or about 1,047,000 head. Chances are 9 out of 10 that the difference will not exceed 2.9 percent, or about 1,786,000 head (the 90 percent confidence level).

Reliability of June 1 Hog Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Latest Estimates			Quarters	
				Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs ²	1.7	2.9	1,786	713	0	2,220	9	10
Pig Crop	2.5	4.3	1,149	447	0	1,428	9	10
Expected Farrowings								
Next Quarter	3.4	5.8	176	80	5	237	14	6
Following	5.3	9.2	279	127	16	355	13	7

¹ Based on quarterly records for the past 20 quarters.

² No change was recorded in some quarters.

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The next "Hogs and Pigs" report will be released at 3 p.m. ET on September 25, 1998.

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